${\tt Title:} \quad {\tt METHODS, \ COMPOSITIONS \ AND \ KITS \ FOR \ PRESERVING \ ANTIGENICITY}$ 

C02H	<b>∀</b> :0
H A-N	± =0
Ž	- <sub>1</sub> A

	CPP32 IC $_{50}(\mu \mathrm{M})$	>10 >50 2.48 5.62 49.8	>50 >50 1.45 >50 >50	47.0
IONS IC <sub>50</sub>	mice iC $_{50}(\mu \mathrm{M})$	0.177 11.7 0.531 5.52 3.34	54.7 0.393 0.313 1.63 0.198	0.064
TABLE 1 50% INHIBITORY CONCENTRATIONS IC <sub>50</sub> FOR FORMULA A	А	Ala Pro Val Leu Phe	Ala Ala Ala	!
50% INHIBIT	R1	555555 555555	сн 3 СН2 Рh (СН2)2СН=СН2 СН2СО2 H (СН2)2СО2 H	}
	Example		21 27 30 33	reference

Fig. 1

Title: METHODS, COMPOSITIONS AND KITS FOR PRESERVING ANTIGENICITY

Inventor(s): Teresa Aja et al. Express Mail No. EL897861705US Docket No. 480140.476

		1								,																						
		h5	$k_3/K_1$ (M-1s-1)	21,500	37,000	52,500	32,500	35,300	127,000	38,500	29,400	131,600	47,600	31,700	39,200	16,100	83,300															
		Mch5	Ki (μΜ)	0.062	0.099	0.054	0.077	0.043	0.038	0.026	0.102	0.038	0.063	0.063	0.051	0.062	0.018															
		Mch2	$k_3/K_1$ (M-1s-1)	58,800	9	71,400	41,700	55,600	19,600	30,300	25,000	19,200	38,500	43,500	26,300	25,000	3,370															
		×	Ki (μM)	0.017	2	0.014	0.024	0.036	0.051	0.033	0.040	0.104	0.052	0.023	0.038	0.040	0.594															
,co <sub>2</sub> H	ATION RATE	CPP32	$k_3/Ki$ (M-1s-1)	13,400	25,900	72,700	33,700	74,200	58,700	21,200	44,200	56,000	38,900	7,910	21,800	31,800	14,600															
ZI	INACTIVAT	INACTIVA JLA B	INACTIVA JLA B	INACTIVA JLA B	INACTIVA JLA B	INACTIVA JLA B	INACTIVA JLA B	) INACTIVA ULA B	) INACTIV	INACTIVA JLA B	INACTIVA JLA B	INACTIVA	) INACTIV/ ULA B	) INACTIV, ULA B	) INACTIV/ ULA B	) INACTIV/ ULA B	밁	Κi (μM)	0.960	0.830	0.493	0.742	0.110	0.125	0.520	0.113	0.125	0.180	2.28	0.505	0.346	0.820
TZ DO	TABLE 2 ANT KI AND FOR FORML	CONSTANT KI AND INACTIVATION RATE  k <sub>3</sub> /Ki FOR FORMULA B  mice  Ki k <sub>3</sub> /Ki Ki k <sub>3</sub> /Ki	$k_3/Ki$ (M-1s-1)	2,860	6,150	7,120	45,100	8,900	16,800	41,700	7,560	18,300	21,400	1,540	14,200	14,900	278,000															
Z-72							ש	Κi (μM)	1.40	1.68	1.10	0.133	0.843	0.327	0.240	0.397	0.327	0.234	4.56	0.632	0.739	0.015										
	DISSOCIATION		×	H	<b>=</b>	LL.	<b>=</b>	エ	<b>=</b>	<b>-</b>	اسا	I	L.	<b>_</b>		0CH <sub>2</sub> Ph	ì															
			R2				工						I	$CH_2CH(CH_3)_2$	(CH2)2Ph _	i i ·	1															
			L <sub>A</sub>	CH <sub>3</sub>	CH <sub>3</sub>	CH <sub>3</sub>	(CH <sub>2</sub> ) <sub>3</sub> Ph	Ph	CH <sub>2</sub> CO <sub>2</sub> H	CH <sub>3</sub>	CH <sub>3</sub>	(CH <sub>2</sub> ) <sub>2</sub> CH=CH <sub>2</sub>		CH <sub>3</sub>	CH <sub>3</sub>	CH3	}															
			Example	43	46		52										reference															

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Fig. 2

Title: METHODS, COMPOSITIONS AND KITS FOR PRESERVING ANTIGENICITY

C02H	× °
CH3	CH <sub>3</sub>

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Fig. 3

Title: METHODS, COMPOSITIONS AND KITS FOR PRESERVING ANTIGENICITY

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$A-N$ $N$ $C(H_2)_n$ $O$	NT NT

		2(	TA 50% INHIBITORY FOR F	TABLE 4 INHIBITORY CONCENTRATIONS IC <sub>50</sub> FOR FORMULA D	INS IC <sub>50</sub>		
Example No.	A	c	mICE IC <sub>50</sub> (μM)	CPP32 IC <sub>50</sub> (μΜ)	MCH-2 IC <sub>50</sub> (μM)	MCH-3 IC <sub>50</sub> ( $\mu$ M)	MCH-5 IC <sub>50</sub> (μM)
78	Cbz		0.019	1.03	40.1	96.9	>10
82	Ac-Asp	quin	0.694	0.0014	6.47	0.145	2.09
85	succinyl	-	0.571	0.245	1.81	2.83	7.98
88	Cbz-Asp	<b>—</b>	0.096	0.00052	2	0.084	1.19
91	dihydrocinnamoyl	-	0.045	0.780	>10	32.6	18.7
94	Ac	<del>-</del>	3.07	3.87	>10	>50	>50
100	Benzoyl	-	0.159	8.77	>50	>50	4.63
26	1—Naphthoyl	_	0.010	2.91	>50	12.3	1.09
103	Cbz	2	0.026	0.437	32.0	<del>-</del>	2.06
reference	I	1	0.064	47.0	>10	>10	2.96

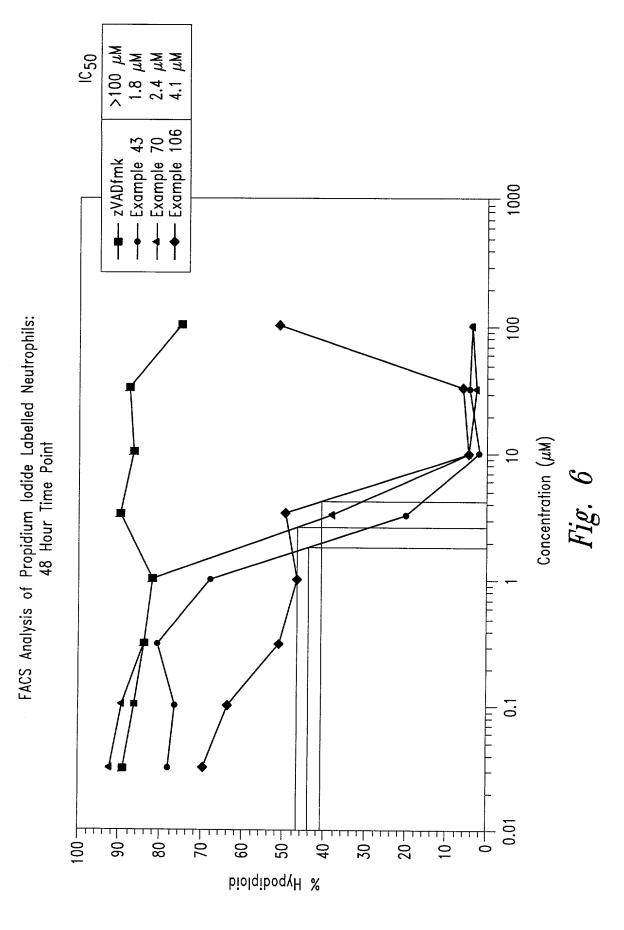
Fig. 4

 $\begin{tabular}{ll} Title: & METHODS. & COMPOSITIONS & AND & KITS & FOR & PRESERVING & ANTIGENICITY \\ \end{tabular}$ 

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	C02H		>
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	<u>Z</u> :	o I	Example 106
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TABLE 5 DISSOCIATION CONSTANT KI AND INACTIVATION RATE k3/KI FOR EXAMPLE 106	Example 106	Ki $(\mu M)$ k <sub>3</sub> /Ki $(M^{-1}s^{-1})$ Ki $(\mu M)$ k <sub>3</sub> /Ki $(M^{-1}s^{-1})$	12,000,000	960,000 0.820	0.033 25,000 0.594 2,950	98,000
DISSOCIATION (	Examp	Ki (μΜ) k	0.0005	0.012	0.033	0.022
		Enzyme	mICE	CPP32	MCH-2	MCH-5

Fig. 5



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## Neutrophil Survival and Burst Assay

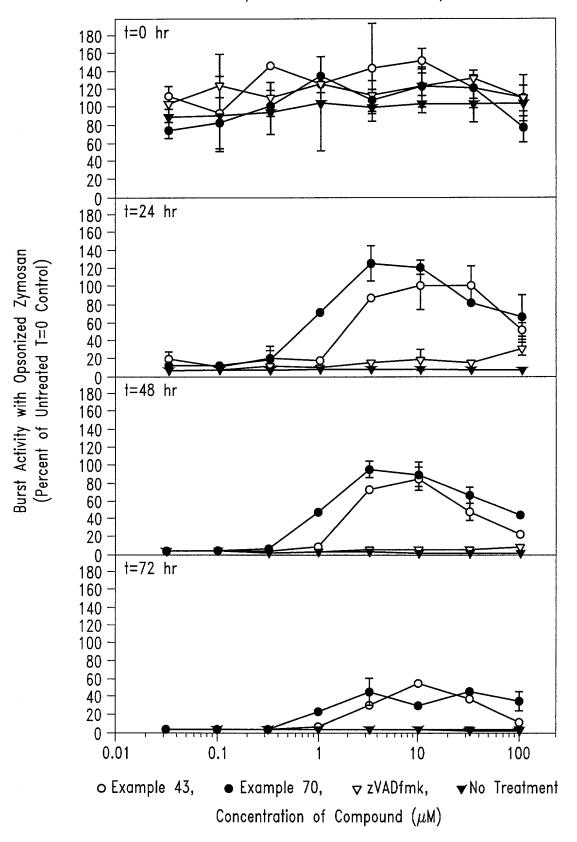


Fig. 7